Applicant: Ezra J. Rapoport Attorney's Docket No.: 14501-002001

Serial No.: 10/624,092 Filed: July 21, 2003

Page : 2 of 19

## Amendments to the Specification:

Please replace the paragraph beginning at page 11, line 8 with the following amended paragraph:

A representative example of program code (i.e., machine-executable instructions) to implement process 62 is the following code using MATHLAB MATLAB®:

Please replace the paragraph beginning at page 16, line 8 with the following amended paragraph:

A representative example of program code (i.e., machine-executable instructions) to implement principal components process 64 is the following code using MATHLAB MATLAB:

Please replace the paragraph beginning at page 18, line 21 with the following amended paragraph:

A representative example of program code (i.e., machine-executable instructions) to implement waveform reconstruction process 66 is the following code using MATHLAB MATLAB: